| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|------------------------------|---------------------|---------|------------------|
| S1 | 808 | 29/852.ccls. | USPAT | OR | ON | 2005/07/15 08:25 |
| S2 | 1191 | 29/846.ccls. | USPAT | OR | ON | 2005/07/14 06:42 |
| S3 | 389 | 29/847.ccls. | USPAT | OR | ON | 2005/07/14 06:42 |
| S4 | 354 | 29/831.ccls. | USPAT | OR | ON | 2005/07/14 06:42 |
| S7 | 1080 | 29/852.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/15 12:00 |
| S8 | 1746 | 29/846.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 08:09 |
| S9 | 619 | 29/847.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 06:42 |
| S10 | 640 | 29/831.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 06:42 |
| S11 | 9 | S9 and S10 and "7" and "8" and etch\$4 and insulator and metal | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 13:48 |

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|-----|------|--|-----------|----|-----|------------------|
| S12 | 120 | ("4368252" "4404059" "4955523" | US-PGPUB; | OR | OFF | 2005/07/14 08:15 |
| | | "4970571" "4984358" | USPAT; | | | |
| | | "5074947" "5106461" "5116459" | USOCR | | | |
| | | "5116463" "5137845" | | | | |
| | | "5167992" "5196371" "5209817" | | | | |
| | | "5237130" "5260234" | | | | |
| | | "5261593" "5275330" "5284796" | | | | |
| . | | "5293067" "5327010" | | | | |
| 1 | | "5334804" "5346750" "5355283" | i | | | |
| | | "5358621" "5397921" | | | | |
| | | "5407864" "5424245" "5438477" | | | | |
| | | "5439162" "5447886" "5454161" "5454038" "5475336" | | | | |
| | | "5454161" "5454928" "5475236" | | | | |
| | | "5477933" "5478007" "5483431" "5484647" "5487318" | | | | |
| | | "5483421" "5484647" "5487218" "5480804" "548206" | | | | |
| | | "5489804" "5493096" "EE08220" "EE2E06E" "EE26072" | | | | |
| | | "5508229" "5525065" "5536973" "5542601" "5547740" | | | | |
| | | 5542601 | | | | |
| | | "5572069" "5576052" | ! | | | |
| | | "5583073" "5595943" "5599744" | | | | |
| | | "5600884" "5611140" | | | | |
| | | "5611884" "5613296" "5614114" | | | | |
| | | "5615477" "5619791" | | | | |
| | | "5627405" "5627406" "5633204" | | ĺ | | 10 |
| | | "5637920" "5641113" | | | | |
| | | "5645628" "5646067" "5648686" | | | | |
| | | "5653891" "5654584" | | | | |
| | | "5656858" "5663598" "5665652" | | | | |
| | | "5666008" "5669545" | | | | |
| | | "5674785" "5674787" "5682061" | | | | |
| | | "5691041" "5722162" | | | | |
| | | "5723369" "5731223" "5736456" | | | | |
| | | "5739585" "5744859" | | | | |
| | | "5757071" "5757081" "5764486" | | | | |
| | | "5774340" "5789271" | | | | |
| | | "5798285" "5801072" "5801447" | | | | |
| | | "5803340" "5804771" | | | | |
| | | "5808360" "5811879" "5817541" | | | | |
| | 1 | "5822856" "5834844" | | | | |
| | | "5861666" "5863816" "5870289" | | | | |
| | | "5883435" "5925931" | | | | |
| | | "5994222" "6012224" "6013877" | | | | |
| | | "6018196" "6020561" "6037665" "6046000" "6084307" | | | | |
| | | "6037665" "6046909" "6084297" | | | | |
| | | "6084781" "6103552" "6103992" "6127204" | | | | |
|] | | "6274057").PN. OR ("6402970"). | | | | |
| 1 | 1 | URPN. | | | | |
| | | | | | | * |
| S13 | 2137 | 205/118,123,125.ccls. | US-PGPUB; | OR | OFF | 2005/07/14 13:49 |
| | | | USPAT; | | | |
| | | | USOCR; | | | |
| | | | EPO; JPO; | | | |
| | 1 | | DERWENT | | | |

| S14 | 1860 | 205/118,123,125.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 13:50 |
|-----|------|--|------------------------------|------|-----|------------------|
| S15 | 84 | S14 and metal adj etch\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 13:54 |
| S16 | 947 | electronics adj packaging | US-PGPUB; USPAT; USOCR | OR · | OFF | 2005/07/22 10:36 |
| S17 | 749 | S16 and metal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 14:00 |
| S18 | 3122 | 438/706,710,719,720.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 14:01 |
| S19 | 3035 | S18 and etch\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 14:01 |
| S20 | 2014 | S18 and etch\$ and metal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 14:06 |
| S21 | 419 | S20 and insulator | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 14:02 |
| S22 | 52 | S18 and etch\$ and metal adj substrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:27 |
| S23 | 2993 | 216/13,17-19,100.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:28 |
| S24 | 2107 | 216/17-19,100.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:49 |
| S25 | 1646 | 216/17-19,100.ccls. | USPAT | OR | ON | 2005/07/14 14:30 |
| S26 | 904 | 216/17-19.ccls. | USPAT | OR | ON | 2005/07/14 14:50 |
| S27 | 775 | 216/100.ccls. | USPAT | OR | ON | 2005/07/14 14:40 |
| S28 | 33 | S26 and S27 | USPAT | OR | ON | 2005/07/14 14:31 |
| S29 | 1039 | 216/17-19.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:50 |
| S30 | 58 | 216/17-19.ccls. and metal adj substrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/14 14:51 |

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|-----|---------------------------------------|---|------------------------------|----|-----|------------------|
| S31 | 18 | ("3705069" "4016050" "4996133" "4996584" "5151168" "5209817" "5270254" "5371410" "5429958" "5436504" "5487999" "5500559" "5866945").PN. OR ("6020266"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/14 14:53 |
| S32 | 18665 | (metal or metal adj sheet) adj substrate | USPAT | OR | ON | 2005/07/15 08:26 |
| S33 | 6079 | (metal or metal adj sheet) adj substrate and etch\$3 | USPAT | OR | ON | 2005/07/15 08:26 |
| S34 | 3152 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 | USPAT | OR | ON | 2005/07/18 18:04 |
| S35 | 1594 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via | USPAT | OR | ON | 2005/07/19 11:09 |
| S36 | 97 | "6,107,109" | USPAT | OR | ON | 2005/07/15 08:36 |
| S37 | 97 | "6,107,109" | USPAT | OR | ON | 2005/07/15 08:36 |
| S38 | 1 | "6107109".pn. | USPAT | OR | ON | 2005/07/15 08:37 |
| S39 | 9 | ("20020001937" "20030197285" "4854038" "4868350" "5129142" "5422514" "5774340" "5796164" "5998859").PN. OR ("6872589").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:07 |
| S40 | 50 | "5402077" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:07 |
| S41 | 1 | "5402077".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:07 |
| S42 | 4 | ("20030199123" "6274937" "6418029" "6617681").PN. OR ("6858892").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:20 |
| S43 | 0 | 257/670+.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:21 |
| S44 | 19184 | 257/678-733.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:22 |
| S45 | 5746 | 257/678-733.ccls. and etch\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:22 |
| S46 | 1570 | 257/678-733.ccls. and etch\$4 and (insulation or insulative) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:41 |
| S47 | 1 | "6096656".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 09:37 |

| S48 | 2 | ("6456168").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:42 |
|-----|---|-----------------|---|----|-----|------------------|
| S49 | 3 | "6320256" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:43 |
| S50 | 7 | "6229249".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:44 |
| S51 | 2 | "6087759".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:45 |
| S52 | 2 | "5438219".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:45 |
| S53 | 2 | "4845397".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:46 |
| S54 | 2 | "4627533".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:46 |
| S55 | 2 | "4609883".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:47 |
| S56 | 2 | "4511860".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:47 |
| S57 | 3 | "3624555".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 09:47 |

| CEC | | 257/670 722 1 1/ | 110 505::5 | 00 | 01: | 2005/65/45 55 55 |
|-----|---------|---|---|----|-----|------------------|
| S59 | 105 | 257/678-733.ccls. and (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/15 09:55 |
| S60 | 154 | 257/678-733.ccls. and (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/15 09:56 |
| S61 | 0 | ("2004/0207074").URPN. | USPAT | OR | OFF | 2005/07/15 10:14 |
| S62 | 7484094 | "20030416" US | USPAT | OR | OFF | 2005/07/15 10:15 |
| S63 | 1 | "60463052" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 10:16 |
| S64 | 1 | 60/463,052 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 10:16 |
| S65 | 1581 | 257/678-733.ccls. and etch\$4 and (insulation or insulative) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/15 10:18 |
| S66 | 38 | ("3871018" "4105861" "4202700" "4410927" "4461924" "4480262" "4498121" "4521469" "4524238" "4525422" "4542259" "4582556" "4594770" "4656499" "4707724" "4711826" "4769345" "4775647").PN. OR ("5023398"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 10:28 |
| S67 | 50 | ("3691628" "3786375" "3903590" "4466181" "4829666").PN. OR ("5048179").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 10:34 |
| S68 | 82 | ("4234666" "4383363" "4417392" "4480288" "4517051" "4551747" "4649415" "4681654" "4701781" "4721992" "4723197" "4739448" "4801561" "4873615" "4875087" "4921054" "4943845").PN. OR ("5065227").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 10:51 |

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|-----|----|--|------------------------------|------|-----|------------------|
| S69 | 31 | ("3596228" "4975079" "5007163" "5065227" "5235312" "5302891" "5326428" "5374893" "5424652" "5483741" "5523696" "5523697" "5541525" "5592736" "5691649" "5731709" "5829128" "5831441" "5844418" "5854558" "58883519" "5888837" "5923178" "5974662" "6018249" "6033235" "6051982" "6064215" "6086386").PN. OR ("6687978"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 10:56 |
| S70 | 43 | ("1128515" "4209893" "4774760" "4950623" "4975079" "5006792" "5007163" "5065227" "5071359" "5073117" "5118386" "5161729" "5213676" "5234149" "5237269" "5245751" "5289631" "5323947").PN. OR ("5447264"). URPN. | US-PGPUB; USPAT; USOCR | OR . | OFF | 2005/07/15 11:07 |
| S71 | 26 | ("20030003724" "20030010976" "5447264" "5739050" "5815000" "5894218" "6018249" "6025728" "6072323" "6078186" "6081429" "6094058" "6107122" "6150717" "6163956" "6188232" "6198172" "6208156" "6247629" "6255833" "6285204" "6294839" "6356098" "6566898" "6586955").PN. OR ("6773938"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 11:11 |
| S72 | 19 | ("2427144" "4048438" "4177519" "4383363" "4949155" "5243142" "5535101" "5600103" "5736681" "5737833" "5758413" "5798563" "5870289" "5909010" "5979044" "6010769" "6052287" "6075710").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 11:46 |
| S73 | 1 | "20010047880" | US-PGPUB | OR | OFF | 2005/07/15 11:52 |
| S74 | 19 | ("2427144" "4048438" "4177519" "4383363" "4949155" "5243142" "5535101" "5600103" "5736681" "5737833" "5758413" "5798563" "5870289" "5909010" "5979044" "6010769" "6052287" "6075710").PN. OR ("6915566"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 09:15 |

| S75 | 766 | 29/852.ccls. and etch\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/07/15 12:00 |
|-----|-----|---|------------------------------|----|-----|------------------|
| S76 | 11 | ("4070501" "5390412" "5451722" "5564181" "5746868" "5956843" "6240636" "6266874" "6280641" "6379159" "6460247").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 14:01 |
| S77 | 1 | "6326559".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 14:01 |
| S78 | 18 | ("4388136" "4768130" "4840923" "4855022" "5091893" "5235463" "5262351" "5308443" "5418365" "5437195" "5617865" "5618737" "5655276" "5774960" "5785787" "5908304" "6044533" "6341408").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 14:04 |
| S79 | 11 | ("3352730" "4383363" "4763403" "5481795" "5759669" "5939789" "5977490" "6139777" "6211487" "6240636").PN. OR ("6889433").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 14:13 |
| S80 | 11 | ("6291891" "6368951" "6383907" "6440844" "6509273" "6566283" "6624061" "6723631" "6743713" "6765283" "6787446").PN. OR ("6898851"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/15 14:15 |
| S83 | 60 | ("3881971" "3903590" "4245273" "4544989" "4554229" "4617085" "4714516" "4725504" "4752816" "4764485" "4780177" "4783695" "4798918" "4806395" "4816422" "4824716" "4835704" "4842677" "4857382" "4866508" "4878991" "4882200" "4884122" "4894115" "4897153" "4901136" "5048179" "5049978" "5081563" "5093879" "5144747" "5151776" "5157255" "5161093" "5196371" "5200631" "5206712" "5237434" "5241456" "5249245" "5250843" "5262351" "5355102").PN. OR ("6274391"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 09:18 |

| S84 | 13 | ("4400870" "5353498" "5409865" "5422513" "5497033" "5527741" "5703400" "5745984" "6271469" "6274391" "6380615" "6396136" "6423570").PN. OR ("6709898"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 09:25 |
|-----|--------|---|---|----|-----|------------------|
| S85 | 49 | ("3249818" "3365620" "3614832" "3622384" "3875478" "3936866" "4240098" "4420364").PN. OR ("4544989"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 09:47 |
| S86 | 76 | ("4783695" "4835704" "4894115" "4933042" "5055907" "5091769" "5111278" "5169678" "5223084" "5353195" "5353498" "5452182").PN. OR ("5527741").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 12:31 |
| S87 | 7 | ("20010018236" "5065228" "5527741" "5874770" "6039889" "6281040" "6410937").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 12:33 |
| S88 | 10 | ("4931148" "5252195" "5355283" "5386627" "5404044" "5567329" "5638597" "5693364").PN. OR ("6039889"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 12:39 |
| S89 | 8 | ("5580802" "5834797" "5955765" "6034748" "6252248" "6327006" "6504593" "6534788").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 17:50 |
| S90 | 230562 | inert adj gas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/18 17:56 |
| S91 | 107802 | S90 and nitrogen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/18 17:56 |
| S92 | 154 | 257/678-733.ccls. and (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/18 17:57 |
| S93 | 5 | S90 and nitrogen and S92 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/18 17:57 |

| S94 | . 11 | ("4544989" "4677526" "4731699" "4742024" "4744007" "4751482" "4823234" "4835598" "4860165" "4873615" "4939570").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/18 18:02 |
|-----------|------|--|---|----|-----|------------------|
| S95 | 3152 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 | USPAT | OR | ON | 2005/07/19 09:11 |
| S96 | 512 | S95 and S90 | USPAT | OR | ON | 2005/07/19 07:42 |
| S97 | 22 | ("20020090565" "4199649" "4952556" "5064685" "5176744" "5277980" "5348775" "5508068" "5512162" "5534312" "5630872" "5696384" "5821017" "6071676" "6126855" "6200646" "6207240" "6348239" "6458431" "6576302" "6645571" "6696363").PN. OR ("6777036").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/19 07:53 |
| S98 | 1 | "20020197415" | US-PGPUB | OR | OFF | 2005/07/19 07:53 |
| S99 | 26 | gold-nickel and "95" | USPAT | OR | ON | 2005/07/19 09:14 |
| S10 0 | 15 | "6288905" | USPAT | OR | ON | 2005/07/19 09:14 |
| .S10 1 | 16 | ("5172303" "5286926" "5296063" "5450283" "5545475" "5588207" "5672548" "5686699" "5783870" "5901041" "5984691" "6108210" "6376769" "6395124" "6580031").PN. OR ("6717819").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/19 09:24 |
| S10 2 | 3154 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 | USPAT | OR | ON | 2005/07/19 09:44 |
| S10 3 | 0 | crystal adj blank and S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/19 09:53 |
| S10 4 | 1217 | crystal and S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/19 09:53 |
| S10 5 | 179 | electronics adj packaging and crystal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/19 09:56 |
| S10 6 | 0 | electronics adj packaging and crystal and ocillator | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/19 09:56 |
| S10 7 | 0 | crystal adj blank and ocillator | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/19 09:56 |

| S10 8 | 193 | crystal adj blank and oscillator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/19 10:07 |
|----------|------|---|---|----|-----|------------------|
| S10 9 | 0 | ("2005/0040735").URPN. | USPAT | OR | OFF | 2005/07/19 09:58 |
| S11 0 | 0 | 2004/0036546 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/19 10:01 |
| S11 1 | 0 | 2004/0036546 | US-PGPUB | OR | OFF | 2005/07/19 10:01 |
| S11 2 | 1 | "20040036546" | US-PGPUB | OR | OFF | 2005/07/19 10:01 |
| S11 3 | 1 | "20030197569" | US-PGPUB | OR | OFF | 2005/07/19 10:07 |
| S11 4 | 3154 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 | USPAT | OR | ON | 2005/07/19 11:08 |
| S11 5 | 2658 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/19 11:10 |
| S11 6 | 34 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via | EPO; JPO; DERWENT | OR | ON | 2005/07/19 11:09 |
| S11 7 | 1011 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via | US-PGPUB | OR | ON | 2005/07/19 11:11 |
| S11 8 | 1011 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via and py<"2004" | US-PGPUB | OR | ON | 2005/07/19 11:12 |
| S11 9 | 515 | (metal or metal adj sheet) adj substrate and etch\$3 and insulat\$3 and via and @py<"2004" | US-PGPUB | OR | ON | 2005/07/19 12:05 |
| S12 | 1 | ("2003/0151135").URPN. | USPAT | OR | OFF | 2005/07/19 12:05 |
| S12 2 | 19 | ("2427144" "4048438" "4177519" "4383363" "4949155" "5243142" "5535101" "5600103" "5736681" "5737833" "5758413" "5798563" "5870289" "5909010" "5979044" "6010769" "6052287" "6075710").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/19 14:59 |

| S12 3 | 2712 | 29/25.35.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 08:52 |
|----------|------|---|---|----|-----|------------------|
| S12 4 | 78 | 29/25.35.ccls. and crystal adj oscillators | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/20 15:07 |
| S12 5 | 39 | 29/25.35.ccls. and crystal adj oscillators and metal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/20 15:07 |
| S12 6 | 5 | ("20020125794" "3576453" "4178566" "4205248" "4384232").PN. OR ("6915548"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 15:09 |
| S12 7 | 47 | ("3857161" "4077558" "4135108").PN. OR ("4293986"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 15:26 |
| S12 8 | 47 | ("2133647" "2229172" "2427825" "3239908" "3339091" "3694677" "4135108" "4141209" "4270105" "4293986" "4317059" "4334168" "4398114" "4517485" "4531267" "4539501" "4665374" "4719383" "4870313" "4898897" "4945079" "5036241" "5075641" "5185589" "5189914" "5198716" "5448126" "5453652").PN. OR ("5548178"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 15:31 |
| S12 9 | 1099 | 29/25.35.ccls. and crystal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/20 16:16 |
| S13 1 | 228 | 29/25.35.ccls. and (crystal adj blank or die) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/20 16:16 |
| S13 2 | 11 | ("4916413" "5229640" "5302921" "5392006").PN. OR ("5631609"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 16:29 |

| S13 3 | 1160 | 29/25.35.ccls. and metal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/21 08:53 |
|----------|------|---|---|----|-------|------------------|
| S13 4 | 12 | ("4066527" "4339764" "4480209" "4532424" "5209119" "5210455" "5286975" "5413667" "5448068").PN. OR ("6105225"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 10:01 |
| S13 5 | 12 | ("2326923" "2440064" "4464598" "4532451" "4703218" "4825117" "4992693").PN. OR ("5611129").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 10:36 |
| S13 6 | 28 | ("2613252" "4837184" "4916413" "5147815" "5184207" "5229640" "5243498" "5250841" "5297008" "5301416" "5302921" "5327104" "5338971" "5343072" "5360992" "5371408" "5373188" "5381037" "5396032" "5428319" "5495125").PN. OR ("5608359"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 10:37 |
| S13 7 | 47 | ("3857161" "4077558" "4135108").PN. OR ("4293986"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:00 |
| S13 8 | 4 | ("4176030" "4293986" "4421621" "5987987").PN. OR ("6504290"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF . | 2005/07/21 11:00 |
| S13 9 | 26 | ("2266333" "2266768" "2510811" "3128532" "4217684" "4293986" "4472652" "4757581").PN. OR ("5406682"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:01 |
| S14 0 | 0 | ("2005/0055814").URPN. | USPAT | OR | OFF | 2005/07/21 11:03 |
| S14 1 | 0 | ("2002/0129477").URPN. | USPAT | OR | OFF | 2005/07/21 11:03 |
| S14 2 | 18 | ("4388136" "4768130" "4840923" "4855022" "5091893" "5235463" "5262351" "5308443" "5418365" "5437195" "5617865" "5618737" "5655276" "5774960" "5785787" "5908304" "6044533" "6341408").PN. OR ("6729001"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF . | 2005/07/21 11:03 |

| S14 3 | 35 | ("4005321" "4099078" "4176030" "4205248" "4232109" "4235036" "4266156" "4320320" "4349763" "4520374" "4639631" "5235237" "5265316" "5325574" "5373269" "5392006" "5396042" "5504460" "5513431" "5541557" "5592130" "5607236" "5771555" "5837562" "5889357" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:04 |
|----------|----|--|------------------------------|----|-----|------------------|
| | | "5896150" "5918354" "5925973" "6087759" "6285063").PN. OR ("6606772"). URPN. | | | | |
| S14 4 | 17 | ("3969640" "4012700" "4266156" "4283650" "4450377" "4583019" "5162822" "5382929" "5430345" "5442516" "5456368" "5471722").PN. OR ("5889357").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:05 |
| S14 5 | 15 | ("4511821").PN. OR ("5382929"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:06 |
| S14 6 | 15 | ("2439466" "2486968" "2759241" "4270105" "4450374" "4642505" "5346556" "5382929" "5430345" "5502344" "5549926").PN. OR ("6141844"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:07 |
| S14 7 | | ("3721584" "4079508" "4266156" "4366342" "4516148" "4574263" "4574327" "4682270" "5047369" "5177595" "5233874" "5261157" "5293511" "5406108" "5532187").PN. OR ("5837562").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:09 |
| S14 8 | 16 | ("4099078" "4176030").PN. OR ("4421621").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:12 |
| S14 9 | 7 | ("4099078").PN. OR ("4205248"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:14 |
| S15 0 | 11 | ("4916413" "5229640" "5302921" "5392006").PN. OR ("5631609"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/21 11:17 |
| S15 1 | 6 | ("2106143" "4661192" "5405476").PN. OR ("5571363"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 09:18 |
| S15 2 | 0 | ("2005/0055814").URPN. | USPAT | OR | OFF | 2005/07/22 09:31 |

| S15 3 | 5 | ("20020125794" "3576453" "4178566" "4205248" "4384232").PN. OR ("6915548"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF · | 2005/07/22 09:38 |
|----------|----|---|------------------------------|----|-------|------------------|
| S15 4 | 5 | ("3683213" "4099078" "4437773" "5334900" "5929723").PN. OR ("6898832").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 09:39 |
| S15 5 | 42 | ("3628105" "3978248" "4126758" "4172261" "4293986" "4426789" "4597826" "4602318" "4622433" "4640436" "4701999" "4750665" "4758927" "4784872" "4791075" "4814943" "4829403" "4839716" "4882298" "5041396" "5056296" "5153709" "5371321" "5378657" "5390401" "5407502" "5417115" "5640746" "5704117" "5832598").PN. OR ("6154940").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 09:45 |
| S15 6 | 41 | ("20020050402" "4876120" "5218030" "5258325" "5346747" "5352745" "5426522" "5477612" "5517751" "5640761" "5677045" "5819403" "5821457" "5822850" "5824950" "5830542" "5950306" "6078102" "6092280" "6108903" "6114005" "6154940" "6163957" "6243946" "6274242" "6323436" "6329603" "6351393" "6352782" "6355504" "6373717" "6465742" "6580031" "6581280" "6673190" "6708404" "6722031" "6774316").PN. OR ("6826830"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 09:54 |
| S15 7 | 60 | ("3676292" "3726987" "3728177" "3946428" "4149910" "4323405" "4330599" "4362262" "4410927" "4429022" "4461924" "4480262" "4491622" "4498121" "4500028" "4500605" "4521469" "4524238" "4525422" "4569692" "4570337" "4577056" "4594770" "4607276" "4625400" "4649083" "4656499" "4659404" "4704626").PN. OR ("4839716"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 10:14 |

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|----------|-------------|---|---|----|------|------------------|
| S15 8 | 11 | ("2278966" "4472652" "4750246").PN. OR ("5446954"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 10:33 |
| S15 9 | 993 | electronics adj packaging | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/22 10:37 |
| S16 0 | 761 | electronics adj packaging and metal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/22 10:38 |
| S16 1 | 30258 | surface adj mount | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/22 10:38 |
| S16 2 | 9617 | surface adj mount and package | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/22 10:39 |
| S16 3 | 5277 | surface adj mount and package and metal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/22 10:39 |
| S16 4 | 1671 | surface adj mount adj package | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/22 10:39 |
| S16 5 | 983 | surface adj mount adj package and metal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/22 10:40 |
| S16 6 | 3694 | surface adj mount adj package and metal 29/25.35.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON . | 2005/07/22 11:24 |
| S16 7 | 20 | ("4737742" "4864470" "5214308").PN. OR ("5471722"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 10:41 |
| S16 8 | 25 | surface adj mount and metal and 29/25.35.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/22 10:49 |

| S16 9 | 2 | ("6590225" "6630685").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 12:21 |
|----------|----|--|------------------------------|----|-----|------------------|
| S17 0 | 6 | ("2106143" "4661192" "5405476").PN. OR ("5571363"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 12:28 |
| S17 1 | 17 | ("4666547" "4703218" "4750246" "4757581" "5250870").PN. OR ("5405476").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 12:31 |
| S17 2 | 18 | ("3969640" "4479096" "4719384" "4985687" "5041800" "5180942" "5405476" "5438219" "5530408" "5640746" "5703542" "5917272" "6049256" "6133674" "6147565" "6208213" "6229404" "6236145").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 12:33 |
| S17 3 | 4 | ("4396892" "5025228" "5041800" "5729181").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 12:35 |
| S17 4 | 25 | ("3715563" "3931388" "3962559" "4157466" "4266157" "4334168" "4453104" "4471259" "4524497" "4748367" "4750246" "4985655" "5041800" "5250870" "5382929" "5430345" "5438219" "5500628" "5568006" "5640746" "5696422" "5917272").PN. OR ("6133674").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/22 12:36 |